

PINK BOLLWORM PROGRAM – WEEKLY REPORT

40 YEARS OF SERVICE TO COTTON GROWERS



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Pink Bollworm Activities

Southern California Native Captures Increase

Native Pink Bollworm (PBW) captures increased significantly this past week. There was a 28% increase, bringing the weekly haul of native pink bollworm moths to 13,542. The increase is likely due to the migration of moths coming from south of the border. The water has been shut off for Mexican growers and there is historically a mass shift to the north when this occurs. Five (5) new Pink Bollworm and Boll Weevil traps were installed along Ogilby Road. Ogilby Road runs north and south between Interstate 8 and Highway 78, roughly 18 miles east of Winterhaven/Yuma, Arizona.

Testing has been completed for the presence of *Bt* in Imperial Valley as well as Palo Verde Valley. All expected fields tested positive for the *Bt* endotoxin.

Third Native PBW Caught in the San Joaquin Valley

Tulare County has recorded its first native PBW find of the year. The moth was caught on the Southwest edge of Tipton. This find is two miles south of a section, which recorded a native find in 2006. The season total is now 3 natives. The two other confirmed native finds were in Kern County. At this time last year, there were also 3 native finds. In 2005 there were 18 Native moth finds at this same period.



Native PBW Moth

The 1st round of trapping quality assurance (QA) has been completed. The Pink Bollworm Program has a very large insect trapping program, which emphasizes a standard QA inspection process and grading technique. The “mandated” inspection program consists of:

- Random sampling of 10% of each trap zone twice a year
- Assigned point values for each element of the trapping QA process
- Biological and procedural Standards are set forth by the Program
- Points are either given or deducted based on adherence to trapping standards

At the conclusion of each QA inspection, points are calculated and a percentage is determined. The score is designed to reflect conventional “school” type scores:

- 90-100% (A)
- 80-89% (B)
- 70-79% (C)

The trappers have been doing a great job with scores averaging around 90%.

Sacramento Valley Trap Placement Is Completed

Traps were placed this past week in the Northern California cotton. There are currently 8 traps in Colusa County, 26 in Glenn County, 12 in Sutter County and 2 in Tehama County. The location of each trap was digitally identified using hand-held GPS units. The traps will be inspected in 4-6 weeks.



Tehama County Cotton Field